BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work:Construction and Developments of Roads in Kempegowda Ward No-01 of Yelahanka Sub Division

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Lokesh (Sri Sai Asphalts)

Item No.	1									
Item Name:	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:									
For New RCC Drain									
			Sewage Treatment Plant Road						
	LHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	4.00	1.10	1.10	1.10	0.90	3.96	
			Market Back Side Road						
	LHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	8.30	1.10	1.10	1.10	0.60	5.48	
		1	12.40	1.10	1.10	1.10	0.60	8.18	
			1st Cross Road in Shivanahalli						
	LHS	1	0.00	1.10	1.10	1.10	0.20	0.00	
		1	5.00	1.10	1.10	1.10	0.20	1.10	
		1	16.00	1.10	1.10	1.10	0.90	15.84	
	RHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	20.70	1.10	1.10	1.10	0.90	20.49	
			2nd Cross Road in Shivanahalli						
	RHS	1	0.00	1.10	1.10	1.10	0.90	0.00	

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	19.70	1.10	1.10	1.10	0.90	19.50	
	3rd Cross Road in Shivanahalli								
	LHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	19.50	1.10	1.10	1.10	0.90	19.31	
	RHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	9.20	1.10	1.10	1.10	0.90	9.11	
		1	11.30	1.10	1.10	1.10	0.75	9.32	
	4th Cross Road in Shivanahalli								
	LHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	21.60	1.10	1.10	1.10	0.90	21.38	
	RHS	1	0.00	1.10	1.10	1.10	0.90	0.00	
		1	16.90	1.10	1.10	1.10	0.90	16.73	
		1	5.60	1.10	1.10	1.10	0.80	4.93	
	Total Quantity							482.04	Cum
	Quantity Carried to Summary							482.04	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction and Developments of Roads in Kempegowda Ward No-01 of Yelahanka Sub Division

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Lokesh (Sri Sai Asphalts)

Item No.	2
Item Name:	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			07-08-2020						
For New RCC Drain									
			Sewage Treatment Plant Road						
	LHS		1	0.00	1.00	1.00	1.00	0.15	0.00
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	4.00	1.00	1.00	1.00	0.15	0.60
			Market Back Side Road						
	LHS		1	0.00	1.00	1.00	1.00	0.15	0.00
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	8.30	1.00	1.00	1.00	0.15	1.25
			1	12.40	1.00	1.00	1.00	0.15	1.86
			1st Cross Road in Shivanahalli						
	LHS		1	0.00	1.00	1.00	1.00	0.15	0.00
			1	5.00	1.00	1.00	1.00	0.15	0.75
			1	16.00	1.00	1.00	1.00	0.15	2.40
	RHS		1	0.00	1.00	1.00	1.00	0.15	0.00
			1	20.70	1.00	1.00	1.00	0.15	3.11
			2nd Cross Road in Shivanahalli						

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	RHS	1	0.00	1.00	1.00	1.00	0.15	0.00	
		1	19.70	1.00	1.00	1.00	0.15	2.96	
	3rd Cross Road in Shivanahalli								
	LHS	1	0.00	1.00	1.00	1.00	0.15	0.00	
		1	19.50	1.00	1.00	1.00	0.15	2.93	
	RHS	1	0.00	1.00	1.00	1.00	0.15	0.00	
		1	9.20	1.00	1.00	1.00	0.15	1.38	
		1	11.30	1.00	1.00	1.00	0.15	1.70	
	4th Cross Road in Shivanahalli								
	LHS	1	0.00	1.00	1.00	1.00	0.10	0.00	
		1	21.60	1.00	1.00	1.00	0.10	2.16	
	RHS	1	0.00	1.00	1.00	1.00	0.10	0.00	
		1	16.90	1.00	1.00	1.00	0.10	1.69	
		1	5.60	1.00	1.00	1.00	0.15	0.84	
	Total Quantity							73.11	Cum
	Quanity Limit to							73.20	Cum
	Quantity Carried to Summary							73.11	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

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(BBMP Yelk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction and Developments of Roads in Kempegowda Ward No-01 of Yelahanka Sub Division

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Lokesh (Sri Sai Asphalts)

Item No.	3
Item Name:	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. do- Wall & bottom thickness 15cm

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:									
For New RCC Drain									
For Raft									
			Sewage Treatment Plant Road						
	LHS		1	0.00	1.00	1.00	1.00	0.15	0.00
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	4.00	1.00	1.00	1.00	0.15	0.60
			Market Back Side Road						
	LHS		1	0.00	1.00	1.00	1.00	0.15	0.00
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	30.00	1.00	1.00	1.00	0.15	4.50
			1	8.30	1.00	1.00	1.00	0.18	1.45
			1	12.40	1.00	1.00	1.00	0.18	2.17
			1st Cross Road in Shivanahalli						
	LHS		1	0.00	0.90	0.90	0.90	0.15	0.00
			1	5.00	0.90	0.90	0.90	0.15	0.68
			1	16.00	0.90	0.90	0.90	0.15	2.16
	RHS		1	0.00	0.90	0.90	0.90	0.15	0.00
			1	20.70	0.90	0.90	0.90	0.15	2.79
			2nd Cross Road in Shivanahalli						
	RHS		1	0.00	0.90	0.90	0.90	0.15	0.00

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	19.70	0.90	0.90	0.90	0.15	2.66	
	3rd Cross Road in Shivanahalli								
	LHS	1	0.00	0.90	0.90	0.90	0.15	0.00	
		1	19.50	0.90	0.90	0.90	0.15	2.63	
	RHS	1	0.00	0.90	0.90	0.90	0.15	0.00	
		1	9.20	0.90	0.90	0.90	0.15	1.24	
		1	11.30	0.90	0.90	0.90	0.15	1.53	
	4th Cross Road in Shivanahalli								
	LHS	1	0.00	0.90	0.90	0.90	0.15	0.00	
		1	21.60	0.90	0.90	0.90	0.15	2.92	
	RHS	1	0.00	0.90	0.90	0.90	0.15	0.00	
		1	16.90	0.90	0.90	0.90	0.15	2.28	
		1	5.60	0.90	0.90	0.90	0.15	0.76	
For Wall									
	Sewage Treatment Plant Road								
	LHS	2	0.00	0.15	0.15	0.15	0.75	0.00	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	30.00	0.15	0.15	0.15	0.75	6.75	
		2	4.00	0.15	0.15	0.15	0.75	0.90	
	Market Back Side Road								
	LHS	2	0.00	0.15	0.15	0.15	0.60	0.00	
		2	30.00	0.15	0.15	0.15	0.60	5.40	
		2	30.00	0.15	0.15	0.15	0.60	5.40	
		2	8.30	0.15	0.15	0.15	0.50	1.25	
		2	12.40	0.15	0.15	0.15	0.60	2.23	
	1st Cross Road in Shivanahalli								
	LHS	2	0.00	0.15	0.15	0.15	0.30	0.00	
		2	5.00	0.15	0.15	0.15	0.30	0.45	
		2	16.00	0.15	0.15	0.15	0.60	2.88	
	RHS	2	0.00	0.15	0.15	0.15	0.60	0.00	
		2	20.70	0.15	0.15	0.15	0.60	3.73	
	2nd Cross Road in Shivanahalli								
	RHS	2	0.00	0.15	0.15	0.15	0.60	0.00	

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		2	19.70	0.15	0.15	0.15	0.60	3.55	
	3rd Cross Road in Shivanahalli								
	LHS	2	0.00	0.15	0.15	0.15	0.60	0.00	
		2	19.50	0.15	0.15	0.15	0.60	3.51	
	RHS	2	0.00	0.15	0.15	0.15	0.60	0.00	
		2	9.20	0.15	0.15	0.15	0.60	1.66	
		2	11.30	0.15	0.15	0.15	0.60	2.03	
	4th Cross Road in Shivanahalli								
	LHS	2	0.00	0.15	0.15	0.15	0.60	0.00	
		2	21.60	0.15	0.15	0.15	0.60	3.89	
	RHS	2	0.00	0.15	0.15	0.15	0.60	0.00	
		2	16.90	0.15	0.15	0.15	0.60	3.04	
		2	5.60	0.15	0.15	0.15	0.60	1.01	
	Total Quantity							175.03	Cum
								175.68	Cum
	Quantity Carried to Summary							175.03	Cum

Asst Engineer
Ward No.01
BBMP

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Yelahanka Sub Division
BBMP

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Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage From	Chainage To	Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of bars (((6/8)x4) +1	Total Length of bar (m) (7 x 9)	Weight per m	Qty in Kgs (10 x 11)	Remarks
			1	10.00	1.51	19.50	0.100	16.00	312.00	0.62	193.44	
RHS			1	12.00	20.50	1.51	0.120	172.00	259.72	0.88	228.55	
			1	10.00	1.51	20.50	0.100	16.00	328.00	0.62	203.36	
4th Cross Road in Shivanahalli												
LHS			1	12.00	21.60	1.51	0.120	181.00	273.31	0.88	240.51	
			1	10.00	1.51	21.60	0.100	16.00	345.60	0.62	214.27	
RHS			1	12.00	22.50	1.51	0.120	189.00	285.39	0.88	251.14	
			1	10.00	1.51	22.50	0.100	16.00	360.00	0.62	223.20	
		Total Qty in Kgs									10515.04	
		Total Quantity									10.52	Tonne
		Quantity Carried to Summary									10.52	Tonne

Asst Engineer
Ward No 01
BBMP

Asst Executive Engineer
Yelahanka Sub. Division
(BBMP Yhk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Construction and Developments of Roads in Kempegowda Ward No-01 of Yelahanka Sub Division

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Lokesh (Sri Sai Asphalts)

Item No.	5						
Item Name:	Providing and Fixing rCC precast Cover Slab of 100mm thick for drain in cement concrete 1:1.5:3 using graed granite jelly 20mm and down size with steel reinforecment, including form work, lift charges, curing and concrete finished surface on bothsides etc, complete as per drawing and the directions of Engineer in-charge						

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:							
For New RCC Drain							
	Sewage Treatment Plant Road						
	LHS	1	0.00	0.90		0.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	4.00	0.90		4.00	
	Market Back Side Road						
	LHS	1	0.00	0.90		0.00	
		1	30.00	0.90		30.00	
		1	30.00	0.90		30.00	
		1	8.30	0.90		8.30	
		1	12.40	0.90		12.40	
	1st Cross Road in Shivanahalli						
	LHS	1	0.00	0.90		0.00	
		1	5.00	0.90		5.00	
		1	16.00	0.90		16.00	

28/12/2020

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	RHS	1	0.00	0.90		0.00	
		1	20.70	0.90		20.70	
	2nd Cross Road in Shivanahalli						
	RHS	1	0.00	0.90		0.00	
		1	19.70	0.90		19.70	
	3rd Cross Road in Shivanahalli						
	LHS	1	0.00	0.90		0.00	
		1	19.50	0.90		19.50	
	RHS	1	0.00	0.90		0.00	
		1	9.20	0.90		9.20	
		1	11.30	0.90		11.30	
	4th Cross Road in Shivanahalli						
	LHS	1	0.00	0.90		0.00	
		1	21.60	0.90		21.60	
	RHS	1	0.00	0.90		0.00	
		1	16.90	0.90		16.90	
		1	5.60	0.90		5.60	
	Total Quantity					500.20	Sqm
	Quanity Limit to					439.20	Sqm
	Quantity Carried to Summary					439.20	Sqm

Asst Engineer
Ward No.01
BBMP

Asst Executive Engineer
Yelahanka Sub Division
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Yelahanka Sub. Division
(BBMP, Ynk. Zn.)
Yelahanka, Bangalore